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## Benefit from Cost-Effective Motor Monitoring and Over-Load Protection with ASXP Current Sensing Switch from NK Technologies

*Current relay provides control engineers with features that help solve maintenance requirements for single and three-phase motors*

**SAN JOSE, CA –** [NK Technologies' ASXP Current Sensing Switch](#) is now available with a user-adjustable setpoint from 1-80A. ASXP Series Current Operated Switches are powered versions of the company's popular current switches with integral time delay. For use with 24VAC/DC or 120VAC supplies, these switches deliver OEM-caliber accuracy, precision tolerances, low hysteresis and an operation range between 40 and 100 hertz – functionality ideal for monitoring single and three-phase motors. They come standard with a robust solid-core enclosure and LED indicators for trip point contact status.

“The compact ASXP is a highly versatile option for single and three-phase motor monitoring, with a relay output that allows the sensor to be used to control NEMA size 1 contactor coils and other inductive loads,” says Philip Gregory, President, NK Technologies. “What’s more, a fixed two-second delay trip timer eliminates nuisance alarms due to start-up inrush or temporary over-current conditions in motor or heater status applications, eliminating the need for a separate time delay relay. After startup a second 0–20 second delay can be set to meet the needs of specific application requirements.”

In [motor protection applications](#) these sensors provide electronic proof-of-operation and detect current draw changes in the motor caused by pumps running dry or impending bearing failure. The ASXP is less expensive to install and serves as a non-intrusive alternative to differential pressure flow sensors or thermal switches. They also deliver quicker response times than Class 10 overload relays. Users will also benefit from repeatable performance, constant hysteresis and linear response.

NK Technologies offers no-cost [test and evaluation units](#) to qualifying OEMs. Visit the [Engineering Resources](#) section of NK Technologies website for access to numerous application notes and a technology [white paper](#) on current sensing technology.

## **ABOUT NK TECHNOLOGIES**

Founded in 1982, NK Technologies designed the first the low-cost solid-state current sensing technology that underlies the industry today.

Today NK Technologies is a leading provider of current sensing, ground fault detection and power monitoring products to the [industrial and factory automation markets](#), with a product portfolio that includes more than 1300 models to satisfy a wide range of specific application needs. As the needs of these markets change, NK Technologies is well-positioned to respond with sophisticated new product designs and improved product functionality necessary to meet those applications.

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